



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### KENTUCKY, Northeast

#### Boyd County

##### Countywide

01	1600EST 1700EST				0	0	10K		Flash Flood
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#### Carter County

##### East Portion

01	1600EST 1700EST				0	0	5K		Flash Flood
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#### Lawrence County

##### North Portion

01	1600EST 1700EST				0	0	8K		Flash Flood
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Rains of 1.5 to 2.5 inches fell in less than 90 minutes over eastern Carter, northern Lawrence, and Boyd Counties. In Carter County, water flooded roads around Willard and Jeriel. In Lawrence County, water in Bells Trace Creek near Webbville rose from base flow to over the roads in 40 minutes. In Boyd County, Route 3 along the East Fork flooded. Numerous small streams, such as Jack Fork, Clays Jack Fork, and Long Branch saw minor overflow in Boyd County. Minor damage to roads occurred. No flooding of homes was reported.

#### Carter County

##### Countywide

05	1945EST 2300EST				0	0	1M		Flash Flood
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#### Boyd County

##### South Portion

05	2015EST 2230EST				0	0	200K		Flash Flood
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#### Lawrence County

##### North Portion

05	2015EST 2230EST				0	0	40K		Flash Flood
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#### KYZ101>102

##### Greenup - Carter

05	2300EST				0	0	100K		Flood
06	1700EST								

Along a warm frontal boundary, about a half inch of rain fell during the morning. Training thunderstorms developed during the evening, ahead of a cold front. Rains of 2 to 3 inches fell in about 3 hours from around Olive Hill on southeast toward Grayson Lake and Hitchins. Rains of 1.5 to 2 inches fell over southern Boyd County and northern Lawrence County. The 24 hour rain total measured at Grayson Lake at dawn on the 6th was 3.7 inches. The cooperative observer, 5 miles northeast of Olive Hill, measured 3.37 inches. Just east of the city of Grayson, 2.95 inches of rain in 24 hours was reported.

The headwaters of Tygarts Creek were hard hit, including the community of Olive Hill. A housing complex was evacuated and flooded. The fire department and a maintenance building were flooded. In the Willard vicinity, around 20 homes were evacuated. In Boyd County, residents along Jack Fork and Clays Jack Fork were evacuated and spent a night at the East Fork Fire Department. Barn and horse stables were also flooded in Boyd County. In Lawrence County, the roads in the Webbville to Glenwood area were flooded.

The runoff from the heavy rains over Carter County, eventually caused flooding in Greenup County, mainly along Tygarts Creek and the Little Sandy River. In Carter County, the Little Sandy River crested at Grayson on the 6th, at 25.4 feet, or just over 4 feet above flood stage.

Governor Paul Patton's request for federal disaster aid was approved, including these 4 northeast counties. On the order of 100 families in Carter County requested individual and household assistance from FEMA. See FEMA disaster declaration 1471 for details.



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### KENTUCKY, Northeast

#### Boyd County

Ashland	10	0558EST			0	0		Hail(1.00)
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#### Greenup County

Flatwoods	10	1645EST			0	0	1K	Thunderstorm Wind (EG50)
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Large branches and a few trees were blown down.

#### KYZ101

#### Greenup

15		1500EST 1700EST			0	0	5K	Flood
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Streams overflowed and blocked roads in the Brushart to York vicinity. This included Horse Hollow and Racoon Fork. Localized rains of around 2 inches fell in less than 2 hours. Dwellings were not affected.

### OHIO, Southeast

#### Lawrence County

Chesapeake	01	1519EST			0	0	5K	Hail(1.75)
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A few vehicles were damaged by golf ball size hail.

#### Athens County

Jacksonville	09	1622EST			0	0		Hail(0.75)
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#### Athens County

Nelsonville	09	1630EST			0	0		Hail(1.00)
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#### Washington County

Belpre	09	1714EST			0	0		Hail(1.00)
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#### Washington County

Little Hocking	09	1720EST			0	0		Hail(1.50)
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#### Athens County

Athens	09	1815EST			0	0		Hail(1.00)
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#### OHZ083-086>087

#### Jackson - Gallia - Lawrence

10		1100EST 1900EST			0	0	450K	Flood
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#### Gallia County

1 NW Patriot	10	1701EST			0	0		Funnel Cloud
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#### Gallia County

Gallipolis	10	1710EST			0	0		Hail(0.75)
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#### Lawrence County

Coal Grove	10	1725EST			0	0	10K	Thunderstorm Wind (EG50)
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Large branches were knocked down. A tree fell on a mobile home.

#### Lawrence County

Ironton	10	1735EST			0	0		Funnel Cloud
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#### Lawrence County

Ironton	10	1745EST			0	0		Thunderstorm Wind (EG50)
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Large branches were blown down.

On the 10th, several rounds of showers and thunderstorms crossed southeast Ohio. Flooding, gusty winds, hail, and even some funnel clouds occurred. The heaviest rains were across southern Jackson County on east, into Gallia County. Gallipolis had a 24 hour rain amount of 2.67 inches, ending at dawn on the 11th. Jackson County emergency officials reported a tributary to Huntingcamp Creek overflowed into 3 homes and 4 businesses around Oak Hill. Over recent years, the stream has seen more culverts installed. In Hamilton Township of Jackson County, several homes had flooded basements. The fire department rescued a person in a flooded car along Route 139.



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### VIRGINIA, Northwest

NONE REPORTED.

### WEST VIRGINIA, West

#### **Cabell County**

##### **Huntington**

**01 1515EST 0 0 15K Thunderstorm Wind (EG50)**  
Cabell County 911 reported 8 locations in the city of Huntington, where fallen trees knocked down power lines. The downpours, associated with these thunderstorms, dumped 1 to 2 inches of rain between 1500 and 1600E, causing viaducts to flood in the city.

#### **Wayne County**

##### **Central Portion**

**05 2015EST 0 0 130K Flash Flood**  
**2300EST**  
Training thunderstorms, rolling out of northeast Kentucky, hit the area from Prichard to Wayne and Lavalette. Wayne measured 3.38 inches of rain in a 24 hour period, most of which fell during a 3 hour period this Monday evening, the 5th. Just east of the heaviest rain, East Lynn measured 1.8 inches. Streams such as Gragston Creek, Lynn Creek, Whites Creek, Toms Creek, Garrett Creek flooded. State officials surveyed 1 house with major damage and 2 with minor damage. These were located near Lavalette. Route 152 had 3 slides. Three culverts were washed out. Two private bridges were destroyed.

#### **Wood County**

##### **Washington**

**09 1725EST 0 0 Hail(1.50)**

#### **Wirt County**

##### **Elizabeth**

**09 1745EST 0 0 Hail(0.75)**

#### **Wirt County**

##### **Palestine**

**09 1750EST 0 0 Hail(1.00)**

#### **Wood County**

##### **Parkersburg**

**09 1750EST 0 0 Hail(1.00)**

#### **Calhoun County**

##### **Mt Zion**

**09 1828EST 0 0 Hail(0.75)**

#### **Calhoun County**

##### **Grantsville**

**09 1835EST 0 0 Hail(1.00)**

#### **Braxton County**

##### **Sutton**

**09 1915EST 0 0 Hail(1.00)**

#### **Webster County**

##### **Cowen**

**09 1941EST 0 0 5K Thunderstorm Wind (EG50)**  
A roof to a business was damaged.

#### **Webster County**

##### **Cowen**

**09 1945EST 0 0 Hail(1.50)**

#### **Putnam County**

##### **Buffalo**

**10 0240EST 0 0 Hail(0.75)**

**WVZ018-028>029-038>039-047**

**Calhoun - Braxton - Gilmer - Webster - Upshur - Randolph**

**10 1000EST 0 0 1.1M Flood**  
**11 1000EST**

#### **Cabell County**

##### **Huntington**

**10 1240EST 0 0 Hail(1.00)**

#### **Calhoun County**

##### **Countywide**

**10 1255EST 0 0 5K Thunderstorm Wind (EG50)**  
**1300EST**  
The department of highways reported several trees down.



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<b><u>WEST VIRGINIA, West</u></b>									
<b>Wayne County</b>									
3 NE Ft Gay	10	1328EST			0	0	2K		Thunderstorm Wind (EG50)
			Several trees were blown down along Route 37.						
<b>Braxton County</b>									
Wilsie	10	1340EST			0	0	1K		Thunderstorm Wind (EG50)
			Large branches and a few trees were knocked down.						
<b>Gilmer County</b>									
Troy	10	1340EST			0	0	1K		Thunderstorm Wind (EG50)
			Large branches and a few trees were blown over.						
<b>Logan County</b>									
Holden	10	1355EST			0	0			Hail(1.25)
<b>Logan County</b>									
Cora	10	1405EST			0	0			Hail(1.50)
<b>Mingo County</b>									
Lenore	10	1410EST			0	0	1K		Thunderstorm Wind (EG50)
			Several trees were blown down.						
<b>Logan County</b>									
Amherstdale	10	1420EST			0	0			Hail(1.00)
<b>Wyoming County</b>									
Cyclone	10	1435EST			0	0	2K		Hail(1.25)
			A few vehicles were dented.						
<b>Raleigh County</b>									
Glen Daniel	10	1445EST			0	0			Hail(1.00)
<b>Raleigh County</b>									
Lester	10	1450EST			0	0			Hail(1.00)
<b>Raleigh County</b>									
Sophia	10	1505EST			0	0			Hail(1.25)
<b>Raleigh County</b>									
Crab Orchard	10	1515EST			0	0			Hail(0.75)
<b>Cabell County</b>									
Huntington	10	1810EST			0	0			Funnel Cloud
<b>Cabell County</b>									
Huntington	10	1810EST			0	0			Hail(0.75)

Several rounds of showers and thunderstorms formed, along and south a warm frontal boundary. Flooding, gusty winds, hail, and even a funnel cloud were observed.

The heaviest rains fell across the upper reaches of the Little Kanawha River basin in central West Virginia, on east, into the central mountains of Webster County. Rains of 1.5 to 3 inches fell from early on the 10th into the evening hours. The upper limit of the rain fell between Sutton and Cowen. One to 2 inches of rain fell in 3 hours during the morning of the 10th across portions of Braxton and Webster Counties.

Along Laurel Creek in the Erbacon vicinity of Webster County, an American Red Cross survey found 1 single family home damaged. Two mobile homes had major damage. One post office building had 13 to 15 inches of water inside. In Bolair, a pawn shop and one single family home had major damage from a clogged stream. In the town of Webster Springs, many basements were flooded from runoff. The hospital also had flooding. In Braxton County, about 25 homes were affected in the Little Birch vicinity. In Randolph County, water was over the roads around Valley Head. Later, the Little Kanawha River crested just below 27 feet at Glenville on the morning of the 11th. That is nearly 4 feet above their flood stage.



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### WEST VIRGINIA, West

WVZ015

Kanawha

15	1845EST 2000EST				0	0	10K		Flood
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Rains of 2.3 inches was measured in 45 minutes in Cross Lanes. Streams such as Armour Creek and Howard Fork overflowed onto roads in the Cross Lanes and Nitro vicinity. Big Tyler Road was blocked. Water got into a few basements.

Harrison County

Salem

23	1825EST				0	0			Hail(0.75)
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WVZ020-031

Doddridge - Harrison

23	2000EST 2130EST				0	0	25K		Flood
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Just west of the border between Harrison and Doddridge Counties, rains of around 2 inches likely fell in less than 2 hours. Near Nina, Greenbrier Fork flooded into yards and basements, plus some outbuildings and garages. Patterson Fork also overflowed near Salem.

Jackson County

Evans

29	1955EST				0	0			Hail(1.00)
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